



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID : CP-2019-05-24-61 **Date:** 04-04-19

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Apartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 01-04-19

Sample Type : Birla Super 53grade

Reference to BIS codes : IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification ,
IS 4031 (Part 1,2 3,4,5, 6,11):1988
IS 4031 Part 1 DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4
IS 4031 Part 2, Determination of Fineness by Blaine Air Permeability Method, Clause 5
IS 4031 Part 3, Determination of Soundness, Clause 5, Clause 6
IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5
IS 4031 Part 5, Determination of Initial & Final Setting Time, Clause 5
IS 4031 Part 11, DETERMINATION OF DENSITY , Clause 6

Date of test : 02-04-19

Environmental Conditions during test : Temperature: 26°C
Humidity: 72%

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	Fineness by dry sieving (%)	1.45	—
2	Finess by Air permeablty method (m ² /kg,Min)	275.4	225m ² /kg, Min
3	Density (gm/cc)	3.12	—
4	Standard Consistency (%)	28.0%	Not specified
5	Initial Setting time	170 minutes	Not less than 30 minutes
6	Final Setting time	275 minutes	Not more than 600 minutes
7	Soundness (Le Chatelier's Method)	1.5mm	Not more than 10 mm

Intally. ND
AK (154)

Signature
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara
Bangalore - 560 007

Page 1/1

****End of Report****

FOR CIVIL Pro.

Signature
R KARTHIK RECHAN
Authorized Signatory
Quality Manager



M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID : CP-2019-05-24-61 Date: 30-04-19

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Apartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 01-04-19

Sample Type : Birla Super 53grade

Reference to BIS codes : IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 6, Determination of Compressive Strength, Clause 6

Date of test : 02-04-19

Environmental Conditions during test : Temperature: 26°C Humidity: 72%

Compressive Strength			
Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	3 Days	29.5N/mm ²	Not less than 27 N/mm ²
2	7 Days	38.5N/mm ²	Not less than 37 N/mm ²
3	28 Days	58.0N/mm ²	Not less than 53 N/mm ²

Abhijit A. N.D.
AE (K7)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palika
Bangalore - 560 092

Page 1/1
****End of Report****

FOR CIVIL PRO.

R. KARTHIK RECHAN
Authorized Signatory
Quality Manager





TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2019-05-24-61 Date: 04-04-19

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Apartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 01-04-19

Sample Type : 40mm down size coarse aggregate ✓

Reference to BIS codes : IS: 383:2016 (Specification for Coarse and fine Aggregates)
IS: 2386 :1963(Part - 1,3,4) RA2011
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption
IS 2386 Part 4: Mechanical Properties

Date of test : 01-04-19

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken		:	15000	grams		
Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	80 mm	0	0	0.0	100	100
2	40 mm	231	231	1.5	98.5	90-100
3	20 mm	5334	5565	37.1	62.9	30-70
4	10 mm	4788	10353	69.0	31.0	10-35
5	4.75 mm	4354	14707	98.0	2.0	0-5
6	Pan	293	15000	100.0	0	---

P.K. L.P.





AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID

: CP-2019-05-24-61

Date: 04-04-19

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	12.4	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	11.8	
3	Specific Gravity	2.65	—
4	Bulk Density(Loose) (Kg/l)	1.54	—
5	Bulk Density(Compacted) (Kg/l)	1.58	—
6	Water Absorption(%)	0.23	—

Imply. ND
#(127)

Key
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Page 2/2

****End of Report****

FOR CIVIL Pro.

R.K.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager





TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2019-05-24-61 Date: 04-04-19

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Appartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 01-04-19

Sample Type/ Size : 20mm down size coarse aggregate

Reference to BIS codes : IS: 383:2016 (Specification for Coarse and fine Aggregates)
IS: 2386 :1963(Part - 1,3,4) RA2011
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption
IS 2386 Part 4: Mechanical Properties

Date of test : 01-04-19

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 20MM DOWN COARSE AGGREGATE:

Total weight taken : 5000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	40 mm	0	0	0	100	100
2	20 mm	245	245	4.9	95.1	90-100
3	10 mm	2675	2920	58.4	41.6	25-55
4	4.75 mm	1798	4718	94.4	5.6	0-10
5	Pan	282	5000	100	0	-





AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID

: CP-2019-05-24-61

Date: 04-04-19

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	11.4	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	11.1	
3	Specific Gravity	2.65	—
4	Bulk Density(Loose) (Kg/l)	1.5	—
5	Bulk Density(Compacted) (Kg/l)	1.54	—
6	Water Absorption(%)	0.23	—
7	Aggregate crushing Value(%)	22.6	Max 30% for Aggregates to be used in concrete for wearing Surface, In case Aggregate Crushing Value Exceeds 30% then the test for ten percent fines should be conducted for Aggregates to be used in concrete other than for wearing Surface.
8	Aggregate Impact Value(%)	21.8	30% for Aggregates to be used in concrete for wearing Surface, 45% for Aggregates to be used in concrete other than for wearing Surface.

Noted. N.D.
1E (1.5)

[Signature]
Assistant Executive Engineer
Kodigehalli Sub Division
Ruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Page 2/2
End of Report

FOR CIVIL Pro.
[Signature]
R KARTHIK RECHAN
Authorized Signature
Quality Manager





TEST REPORT OF FINE AGGREGATE

Lab ID : CP-2019-05-24-61 Date: 04-04-19

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Apartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 01-04-19

Sample Type : Fine Aggregate

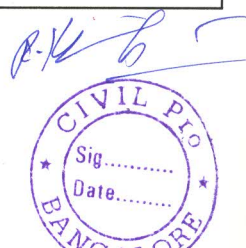
Reference to BIS codes : IS 383 : 2016 (Specification for Coarse and fine Aggregates)
IS: 2386 :1963(Part - 1, 3) RA2012
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption

Date of test : 01-04-19

Total weight taken : 1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	82	82	8.2	91.8	90-100	90-100	90-100	95-100
3	2.36 mm	165	247	24.7	75.3	60-95	75-100	85-100	95-100
4	1.18 mm	177	424	42.4	57.6	30-70	55-90	75-100	90-100
5	600 micron	182	606	60.6	39.4	15-34	35-59	60-79	80-100
6	300 micron	177	783	78.3	21.7	5-20	8-30	12-40	15-50
7	150 micron	134	917	91.7	8.3	0-10	0-10	0-10	0-15
8	Pan	83	1000	100.0	0.0	---	---	---	---

Result : The tested Sample Conforms to Grading Zone II





AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST REPORT OF FINE AGGREGATE

Lab ID

: CP-2019-05-24-61

Date: 04-04-19

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.52	—
2	Specific Gravity	2.59	—
3	Material finer than 75 micron(%)	6.5	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

*Noted N.D.
AE (L2)*

Key
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Page 2/2

****End of Report****

FOR CIVIL Pro.

R.K.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager





TEST RESULTS OF STEEL

Lab ID : CP-2019-05-24-61 **Date:** 06-04-19
Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Name of Work :

Project Name : Improvements to Drain Hoysala Appartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 05-04-19

Sample Type : Sunvik

Reference to BIS codes : IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.

Date of test: : 05-04-19

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm ²)	(N/mm ²)	(%)		
1	Sunvik	Fe500	8	0.391	512	652	20.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.616	528	672	20.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.888	544	668	20.0%	Satisfactory	Satisfactory

Noted by N.D.
AE (19)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

FOR CIVIL Pro.
R. K. R.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Page 1/1
End of Report





AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF PRECAST COVER SLAB

Lab ID : CP-2019-05-24-61 Date: 19-04-19

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Roads and Drains Near Hebbal Shanimahatma Temple in Ward No.07, Byatarayanapura

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 15-04-19

Sample Type /Size : Precast Cover Slab

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete

Date of test : 15/04/2019

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm ²)	(N/mm ²)	(N/mm ²)
1	Cover Slab-1	200.51	250.48	3.116	31570	240.6	7.6	7.1	8.9
2	Cover Slab-2	200.49	250.52	3.122	31564	242.3	7.7	7.1	8.9
3	Cover Slab-3	200.50	250.51	3.118	31567	243.8	7.7	7.2	9.0

Abhijit A
AE (W)

Assistant Executive Engineer
Kodigehalli Sub Division
Bhath Bangalore Mahanagara Palika
Bangalore - 560 092

Page 1/1
****End of Report****

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager



M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF PRECAST COVER SLAB

Lab ID : CP-2019-05-24-61 Date: 19-04-19

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Roads and Drains Near Hebbal Shanimahatma Temple in Ward No.07, Byatarayanapura

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 15-04-19

Sample Type /Size : Precast Cover Slab

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete

Date of test : 15/04/2019

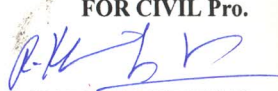
Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm ²)	(N/mm ²)	(N/mm ²)
1	Cover Slab-1	75.51	100.52	1.128	4477	140.8	31.4	29.2	36.6
2	Cover Slab-2	75.5	100.48	1.116	4476	142.6	31.9	29.6	37.0
3	Cover Slab-3	75.48	100.49	1.114	4474	148.4	33.2	30.8	38.6

Intally. N.D
NE Test


Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike

Page 1/1

****End of Report****

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager



M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 Date: 09/05/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Appartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/VO/159/2018-19

Date of Receipt : 04-05-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 09/05/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Cement Concrete Pavement	M20	02/05/2019	09/05/2019	150.84 X 150.91 X 151.94	22764	8.991	410.4	18.0	18.4
2	Cement Concrete Pavement	M20	02/05/2019	09/05/2019	151.48 X 149.72 X 150.08	22679	8.193	418.0	18.4	
3	Cement Concrete Pavement	M20	02/05/2019	09/05/2019	149.23 X 149.63 X 150.25	22330	8.008	421.7	18.9	

Intally N.D.
A.E (15/1)


Assistant Executive Engineer
Kodigehalli Sub Division
Bangalore

Page 1/1

****End of Report****

FOR CIVIL Pro.

R. KARTHIK RECHAN
Authorized Signatory
Quality Manager


Sig.....
Date.....
BANGALORE

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

**TEST REPORT OF CEMENT CONCRETE CUBES**

Lab ID : CP-2019-05-24-61 **Date:** 30/05/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Apartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 04-05-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 30/05/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Cement Concrete Pavement	M20	02/05/2019	30/05/2019	149.49 X	22361	8.391	524.4	23.5	22.9
					149.58 X					
					151.21					
2	Cement Concrete Pavement	M20	02/05/2019	30/05/2019	150.37 X	22555	8.143	501.8	22.2	
					149.99 X					
					150.57					
3	Cement Concrete Pavement	M20	02/05/2019	30/05/2019	150.60 X	22819	8.788	525.0	23.0	
					151.53 X					
					150.61					

Asstt. Engg.
NE (W)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Page 1/1

****End of Report****

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager





AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 **Date:** 09/05/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Apartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 04-05-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 09/05/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Cement Concrete Pavement	M20	02/05/2019	09/05/2019	149.68 X 149.93 X 150.58	22443	8.617	414.0	18.4	18.2
2	Cement Concrete Pavement	M20	02/05/2019	09/05/2019	149.79 X 151.47 X 151.23	22689	8.280	411.6	18.1	
3	Cement Concrete Pavement	M20	02/05/2019	09/05/2019	151.87 X 151.54 X 149.88	23016	8.178	415.7	18.1	

100% N.D.
N.E.C.T.

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Page 1/1
****End of Report****

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO
BANGALORE

Sig.....
Date.....

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE - 3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 **Date:** 30/05/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Apartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 04-05-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

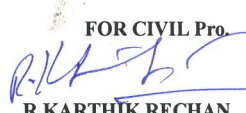
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 30/05/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Cement Concrete Pavement	M20	02/05/2019	30/05/2019	149.27 X	22675	8.544	530.0	23.4	23.3
					151.91 X					
					151.12					
2	Cement Concrete Pavement	M20	02/05/2019	30/05/2019	149.86 X	22355	8.791	511.1	22.9	
					149.17 X					
					151.83					
3	Cement Concrete Pavement	M20	02/05/2019	30/05/2019	149.10 X	22370	8.014	532.1	23.8	
					150.03 X					
					152.00					

Int. by N.D.
NE (LH)


Assistant Executive Engineer
Kodigehalli Sub Division
Bhat Bangalore Mahan
Page 1/1
****End of Report****

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager



M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 **Date:** 10/05/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Appartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 06-05-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 10/05/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Cement Concrete Pavement	M20	03/05/2019	10/05/2019	150.80 X 150.02 X 150.70	22624	8.066	428.0	18.9	18.7
2	Cement Concrete Pavement	M20	03/05/2019	10/05/2019	149.92 X 151.38 X 150.94	22694	8.517	413.6	18.2	
3	Cement Concrete Pavement	M20	03/05/2019	10/05/2019	151.30 X 151.33 X 149.52	22896	8.093	431.3	18.8	

Neelgiri N.D.
NE (121)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092
Page 1/1

****End of Report****



FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 Date: 31/05/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Appartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 06-05-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 31/05/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Cement Concrete Pavement	M20	03/05/2019	31/05/2019	150.10 X 151.20 X 151.78	22695	8.197	523.8	23.1	23.2
2	Cement Concrete Pavement	M20	03/05/2019	31/05/2019	149.61 X 151.62 X 151.91	22684	8.912	515.2	22.7	
3	Cement Concrete Pavement	M20	03/05/2019	31/05/2019	151.44 X 150.29 X 149.92	22761	8.325	540.5	23.7	

Antilly ND
AF (LH)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Page 1/1

****End of Report****

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager



M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 **Date:** 10/05/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Appartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 06-05-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 10/05/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Cement Concrete Pavement	M20	03/05/2019	10/05/2019	151.41 X	22759	8.189	427.8	18.8	18.6
					150.31 X					
					150.79					
2	Cement Concrete Pavement	M20	03/05/2019	10/05/2019	150.88 X	22548	8.378	406.7	18.0	
					149.44 X					
					151.74					
3	Cement Concrete Pavement	M20	03/05/2019	10/05/2019	149.52 X	22469	8.405	426.2	19.0	
					150.27 X					
					150.58					

Notply. N.D.
-A (KRT)

dey
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092
Page 1/1
****End of Report****

FOR CIVIL Pro.
R.K.R.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager



M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 **Date:** 31/05/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Roads and Drains Near Hebbal Shanimahatma Temple in Ward No.07, Byatarayanapura

Agency : Sri.Abhijit A No. 09, Gurushree Nilaya, 5th Cross, 80 Feet Road, Padmanabhanagara, Bangalore-560070

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 06-05-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 31/05/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Cement Concrete Pavement	M20	03/05/2019	31/05/2019	149.18 X	22437	8.557	534.2	23.8	23.3
					150.40 X					
					149.28					
2	Cement Concrete Pavement	M20	03/05/2019	31/05/2019	149.09 X	22449	8.501	514.0	22.9	
					150.57 X					
					149.77					
3	Cement Concrete Pavement	M20	03/05/2019	31/05/2019	151.05 X	22509	8.737	520.4	23.1	
					149.01 X					
					151.16					

15.05.19
RE (W)

Assistant Executive Eng.
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092
Page 1/1
****End of Report****

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager



M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 **Date:** 17/04/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Apartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 12-04-19

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 17/04/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Bottom Slab Concrete	M20	10/04/2019	17/04/2019	151.26 X	22623	8.548	412.2	18.2	18.4
					149.57 X					
					150.33					
2	Drain Bottom Slab Concrete	M20	10/04/2019	17/04/2019	149.08 X	22336	8.168	420.5	18.8	
					149.83 X					
					151.04					
3	Drain Bottom Slab Concrete	M20	10/04/2019	17/04/2019	149.55 X	22385	8.409	408.8	18.3	
					149.67 X					
					149.11					

totally N.D
RE (101)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Page 1/1
****End of Report****



FOR CIVIL PRO.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 **Date:** 08/05/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Appartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 12-04-19

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 08/05/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Bottom Slab Concrete	M20	10/04/2019	08/05/2019	150.59 X	22461	8.458	524.4	23.3	23.3
					149.15 X					
					151.56					
2	Drain Bottom Slab Concrete	M20	10/04/2019	08/05/2019	149.58 X	22688	8.236	516.5	22.8	
					151.67 X					
					149.99					
3	Drain Bottom Slab Concrete	M20	10/04/2019	08/05/2019	149.86 X	22609	8.866	541.1	23.9	
					150.87 X					
					149.86					

Noted N.D
AEL (147)

Signature
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092
Page 1/1

****End of Report****

FOR CIVIL Pro.
Signature
R KARTHIK RECHAN
Authorized Signatory
Quality Manager



M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 **Date:** 17/04/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Apartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 12-04-19

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 17/04/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Bottom Slab Concrete	M20	10/04/2019	17/04/2019	150.25 X	22389	8.548	419.3	18.7	18.4
					149.02 X					
					149.58					
2	Drain Bottom Slab Concrete	M20	10/04/2019	17/04/2019	149.81 X	22678	8.168	420.6	18.5	
					151.38 X					
					150.10					
3	Drain Bottom Slab Concrete	M20	10/04/2019	17/04/2019	151.84 X	22721	8.409	410.5	18.1	
					149.64 X					
					150.29					

Noted N.D
AE (WST)

Signature
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Page 1/Bangalore - 560 092
****End of Report****

FOR CIVIL Pro.

Signature
R KARTHIK RECHAN
Authorized Signatory
Quality Manager



M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 **Date:** 08/05/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Apartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 12-04-19

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 08/05/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Bottom Slab Concrete	M20	10/04/2019	08/05/2019	149.67 X	22351	8.458	526.6	23.6	23.0
					149.34 X					
					151.22					
2	Drain Bottom Slab Concrete	M20	10/04/2019	08/05/2019	150.86 X	22613	8.236	505.5	22.4	
					149.90 X					
					149.14					
3	Drain Bottom Slab Concrete	M20	10/04/2019	08/05/2019	149.88 X	22657	8.866	521.2	23.0	
					151.17 X					
					150.78					

Noted by N.D.
AE (10/1)

[Signature]
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Page 1/1
****End of Report****

FOR CIVIL Pro.

[Signature]
R KARTHIK RECHAN
Authorized Signatory
Quality Manager



M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

**TEST REPORT OF CEMENT CONCRETE CUBES**

Lab ID : CP-2019-05-24-61 **Date:** 17/04/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Appartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 12-04-19

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 17/04/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Bottom Slab Concrete	M20	10/04/2019	17/04/2019	150.84 X	22736	8.548	416.3	18.3	18.2
					150.73 X					
					150.15					
2	Drain Bottom Slab Concrete	M20	10/04/2019	17/04/2019	151.49 X	22720	8.168	410.3	18.1	
					149.98 X					
					149.42					
3	Drain Bottom Slab Concrete	M20	10/04/2019	17/04/2019	151.31 X	22563	8.409	413.6	18.3	
					149.12 X					
					150.29					

Abhijit N.D
17/04/2019

FOR CIVIL PRO.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Assistant Executive Engineer
Kodigehalli Sub Division
Bengaluru Mahanagara Palika
Bangalore - 560 092

Page 1/1
****End of Report****

CIVIL PRO
BANGALORE



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE - 3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 **Date:** 08/05/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Appartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 12-04-19

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 08/05/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Bottom Slab Concrete	M20	10/04/2019	08/05/2019	150.23 X	22502	8.458	524.2	23.3	22.9
					149.78 X					
					149.79					
2	Drain Bottom Slab Concrete	M20	10/04/2019	08/05/2019	149.93 X	22499	8.236	504.8	22.4	
					150.07 X					
					151.45					
3	Drain Bottom Slab Concrete	M20	10/04/2019	08/05/2019	150.94 X	22578	8.866	520.6	23.1	
					149.58 X					
					149.43					

Atulya N.D
12/04/19

[Signature]
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092
Page 1/1
****End of Report****

FOR CIVIL Pro.

[Signature]
R KARTHIK RECHAN
Authorized Signatory
Quality Manager



M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 Date: 19/04/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Apartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 15-04-19

Customer ID : Drain Side Wall Concrere

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 19/04/2019

Date of test : 19/04/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Side Wall Concrere	M20	12/04/2019	19/04/2019	150.96 X	22933	8.548	415.6	18.1	18.1
					151.91 X					
					150.68					
2	Drain Side Wall Concrere	M20	12/04/2019	19/04/2019	150.15 X	22682	8.168	412.6	18.2	
					151.06 X					
					151.00					
3	Drain Side Wall Concrere	M20	12/04/2019	19/04/2019	150.45 X	22536	8.409	406.0	18.0	
					149.79 X					
					149.99					

10/04/2019
AEL/CA

Assistant Executive Engineer
Kodigenahalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092
Page 1/1
****End of Report****

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager



M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 **Date:** 10/05/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Appartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 15-04-19

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 10/05/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Side Wall Concrete	M20	12/04/2019	10/05/2019	149.47 X	22557	8.458	518.9	23.0	23.2
					150.91 X					
					151.63					
2	Drain Side Wall Concrete	M20	12/04/2019	10/05/2019	150.61 X	22490	8.236	510.7	22.7	
					149.32 X					
					150.68					
3	Drain Side Wall Concrete	M20	12/04/2019	10/05/2019	151.37 X	22742	8.866	543.5	23.9	
					150.24 X					
					149.17					

10/05/2019
NE (W)

[Signature]
Assistant Executive Engineer
Kodigehalli Sub Division
Bhikshapatti Mahanagara Palika
Page 1/1
****End of Report**** 560 097

FOR CIVIL Pro.
[Signature]
R KARTHIK RECHAN
Authorized Signatory
Quality Manager
CIVIL PRO
BANGALORE
Sig.....
Date.....

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE - 3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 Date: 19/04/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Apartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 15-04-19

Customer ID : Drain Side Wall Concrere

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 19/04/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Side Wall Concrere	M20	12/04/2019	19/04/2019	151.70 X	22902	8.548	430.0	18.8	18.6
					150.97 X					
					150.50					
2	Drain Side Wall Concrere	M20	12/04/2019	19/04/2019	151.94 X	22907	8.168	417.0	18.2	
					150.77 X					
					149.35					
3	Drain Side Wall Concrere	M20	12/04/2019	19/04/2019	151.12 X	22549	8.409	421.8	18.7	
					149.22 X					
					149.58					

19/04/2019
AE(L9)


Assistant Executive Engineer
Kodigehalli Sub Division
Page 1/1
Brihat Bangalore Mahanagara Palike
****End of Report****
Bangalore - 560 092

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager


M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE - 3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 **Date:** 10/05/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Appartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 15-04-19

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 10/05/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Side Wall Concrete	M20	12/04/2019	10/05/2019	151.48 X	22779	8.458	543.9	23.9	23.4
					150.38 X					
					151.36					
2	Drain Side Wall Concrete	M20	12/04/2019	10/05/2019	150.13 X	22693	8.236	506.5	22.3	
					151.16 X					
					151.32					
3	Drain Side Wall Concrete	M20	12/04/2019	10/05/2019	149.83 X	22665	8.866	541.8	23.9	
					151.27 X					
					150.50					

Intall. ND
DE (17)

Signature
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Page 1/1
****End of Report****

FOR CIVIL Pro.

Signature
R KARTHIK RECHAN
Authorized Signatory
Quality Manager



M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 **Date:** 19/04/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Appartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 15-04-19

Customer ID : Drain Side Wall Concrere

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 19/04/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Side Wall Concrere	M20	12/04/2019	19/04/2019	149.80 X	22751	8.548	410.5	18.0	18.5
					151.87 X					
					151.40					
2	Drain Side Wall Concrere	M20	12/04/2019	19/04/2019	150.88 X	22740	8.168	428.1	18.8	
					150.71 X					
					151.83					
3	Drain Side Wall Concrere	M20	12/04/2019	19/04/2019	150.65 X	22819	8.409	422.6	18.5	
					151.47 X					
					149.02					

Apply N.D
NE (12)

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Assistant Executive Engineer
Kodihalli Sub Division
Bangalore - 560 092

Page 1/1
End of Report

CIVIL PRO
Bangalore

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-24-61 **Date:** 10/05/2019

Name of Work : Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatarayanapura in Ward No.07, Byatarayanapura

Project Name : Improvements to Drain Hoysala Appartment towards Byatarayanapura Village in Ward No.07, Byatarayanapura.

Agency : Sri. Abhijit A, No. 09, Gurushree Nilaya, 5th Cross, 80 ft. Road, Padmanabhanagara, Bangalore - 560 070.

Customer's Reference : BBMP/EE/BTP/WO/159/2018-19

Date of Receipt : 15-04-19

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 10/05/2019

Date of test : 10/05/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Side Wall Concrete	M20	12/04/2019	10/05/2019	151.83 X	23059	8.458	546.8	23.7	23.1
					151.87 X					
					149.30					
2	Drain Side Wall Concrete	M20	12/04/2019	10/05/2019	149.24 X	22435	8.236	499.1	22.2	
					150.32 X					
					151.48					
3	Drain Side Wall Concrete	M20	12/04/2019	10/05/2019	150.94 X	22578	8.866	529.7	23.5	
					149.58 X					
					151.95					

Noted by N.D.
DE (L7)

Signature
Assistant Executive Engineer
Kodigehalli Sub Division
Page 1/1
****End of Report****

FOR CIVIL Pro.
Signature
R KARTHIK RECHAN
Authorized Signatory
Quality Manager
CIVIL PRO
BANGALORE
Sig.....
Date.....